Fw: Avery Cost estimate
Hall, Steven G.
to:
Earl Liverman
05/01/2012 11:22 AM
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From: "Hall, Steven G." <SGHall@ene.com>

To: Earl Liverman/R10/USEPA/US@EPA

History: This message has been forwarded.

Here are Neil's comments.

From: Brown, Neil
Sent: Tuesday, May 01, 2012 02:07 PM
To: Hall, Steven G.
Subject: Avery Cost estimate

After reviewing the cost estimate prepared by GeoEngineers, there was initial a difference of $440,000 between our low end estimate. In our initial estimate, we assumed an excavation depth of 17 feet, which it was GeoEngineers used. However, we assumed that the overburden or clean material thickness was 5.5 feet, and GeoEngineers assumed a thickness of 11 feet. If you change our assumption of 5.5 feet to 11 feet, the cost for doing the work is $660,000, which agrees with the PRP's consultant's estimate.

It should be noted that there is a difference in the amount of earth work between the two estimates. In our estimate it is assumed that over 13,000 cubic yards of material will have to be excavated. GeoEngineers estimates that just under 11,000 cubic yards will be excavated. While our estimate had a indirect capital costs totaling $137,000, GeoEngeers did not account for it in their estimate, but they did add costs associated with lodging and per diem, operation of the water treatment plant as well as a portion of the mobe/demobe and general project setup.

The real issue between the two estimates is how much soil will require off-site disposal. If you assume a depth of contamination of 5.5 feet, the cost will be around $1.1 million. If you assume an 11 foot depth, then the cost will be near $660,000.